

CLEAN VERSION OF THE AMENDED AND NEW CLAIMS

1. A thermoplastic composition comprising:
 - from about 1 % by weight to 25 % by weight block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
 - from about 45 % by weight to about 75 % by weight superabsorbent polymer particles comprising polyacrylate and having a median particle diameter of from 20 μm to 30 μm ; and
 - from about 15 % by weight to about 40 % by weight plasticizing oil.
3. The thermoplastic composition of claim 1, further comprising from about 1% by weight to about 5 % by weight surfactant.
22. A thermoplastic composition comprising:
 - block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
 - superabsorbent particles comprising polyacrylate and having a median particle diameter of from 20 μm to 30 μm ; and
 - plasticizing oil,
 - said composition exhibiting water gel time of no greater than 2 minutes.
24. A thermoplastic composition comprising:
 - block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
 - superabsorbent particles comprising polyacrylate and having a median particle diameter of from 20 μm to 30 μm ; and
 - plasticizing oil,
 - said composition exhibiting a 0.9 % saline solution gel time of no greater than 1 hour.

25. A thermoplastic composition comprising:
- block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
 - superabsorbent particles comprising polyacrylate and having a median particle diameter of from 20 μm to 30 μm ; and
 - plasticizing oil,
- said composition exhibiting an absorbent capacity of at least 70 g water/g of composition.
26. A thermoplastic composition comprising:
- block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
 - superabsorbent particles comprising polyacrylate and having a median particle diameter of from 20 μm to 30 μm ; and
 - plasticizing oil,
- said composition exhibiting an absorbent capacity of at least 25 g 0.9 % aqueous saline solution/g of composition.
27. A thermoplastic adhesive composition comprising:
- from about 1 % by weight to 25 % by weight block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
 - from about 45 % by weight to about 75 % by weight superabsorbent polymer particles comprising polyacrylate and having a median particle diameter of from 20 μm to 30 μm ;
 - tackifying agent; and
 - from about 15% by weight to about 40% by weight plasticizing oil.

33. A thermoplastic composition comprising:
block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
spherical superabsorbent particles comprising polyacrylate; and
plasticizing oil,
said composition exhibiting a water gel time of no greater than 2 minutes, a viscosity of no greater than 100,000 centipoise at 300°F and a wet tensile strength of at least 15 g/in².
34. The thermoplastic composition of claim 33, wherein said composition exhibits a 0.9 % saline solution gel time of no greater than 1 hour.
35. The thermoplastic composition of claim 33, wherein said composition exhibits a 0.9 % saline solution gel time of no greater than 10 minutes.
36. The thermoplastic composition of claim 33, wherein said composition exhibits a water gel time of no greater than 1.5 minutes, a viscosity of no greater than 30,000 centipoise at 300°F and a wet tensile strength of at least 40 g/in².
37. The thermoplastic composition of claim 33, wherein said composition exhibits an absorption capacity of at least 70 g water/g composition.
38. A thermoplastic composition comprising:
block copolymer having the formula (A-B) x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;
from about 45 % by weight to about 75 % by weight superabsorbent polymer particles that include polyacrylate; and
from about 15 % by weight to about 40 % by weight plasticizing oil,

said composition exhibiting a water gel time of no greater than 2 minutes, and an absorption capacity of at least 70 g water/g composition and at least 10 g 0.9% saline solution/g composition.

39. A thermoplastic composition comprising:

block copolymer having the formula (A-B)_x or A-B-A where the A block comprises polyvinylarene, the B block comprises poly(monoalkenyl), and x is an integer of at least one;

from about 45 % by weight to about 75 % by weight superabsorbent polymer particles comprising polyacrylate; and

from about 15 % by weight to about 40 % by weight plasticizer,
said composition exhibiting a viscosity of no greater than about 65,000 centipoise at 300°F.

40. A thermoplastic composition comprising:

thermoplastic polymer selected from the group consisting of amorphous polyolefins, crystalline polyolefins, polylactides, polyvinyl alcohols, copolyesters, polyesters, poly(ethylene oxide) polyether amides, polyester ether block copolymers, polyamides, and combinations thereof;

from about 45 % by weight to about 75 % by weight superabsorbent polymer particles comprising polyacrylate; and

from about 15 % by weight to about 40 % by weight plasticizer,
said composition exhibiting a viscosity of no greater than about 65,000 centipoise at 300°F.